



Heather Shirley Smith
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July 31, 2017

The Honorable Jocelyn G. Boyd, Esquire
Chief Clerk/Administrator
The Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia SC 29210

**Re: Application Regarding the Acquisition of Progress Energy, Incorporated by
Duke Energy Corporation and Merger of Progress Energy Carolinas,
Incorporated and Duke Energy Carolinas, LLC – SAIDI and SAIFI
Reliability Indices
Docket No.: 2011-158-E**

Dear Mrs. Boyd:

Pursuant to Regulatory Condition 11.3, on a quarterly basis Duke Energy Carolinas, LLC (“DEC”) and Duke Energy Progress, LLC (“DEP”) must provide to the Commission and to the Office of Regulatory Staff the System Average Interruption Duration Index (“SAIDI”) and the System Average Interruption Frequency Index (“SAIFI”).

The tables below give the SAIFI and SAIDI results for DEC and DEP on a 12-month roll, with and without Major Event Day(s) (“MEDs”). The IEEE Standard 1366-2003 “Guide for Electric Power Distribution Reliability Indices” method is used for calculating these indices.

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
South Carolina Duke Energy Carolinas	12 Months Ending 06/30/17	1.06	164	1.30	262
South Carolina Duke Energy Progress	12 Months Ending 06/30/17	1.81	187	4.14	5,753

Jurisdiction	Date Range	Without MEDs		With MEDs	
		SAIFI	SAIDI	SAIFI	SAIDI
South Carolina Duke Energy Carolinas	YTD 06/30/17	0.54	87	0.70	146
South Carolina Duke Energy Progress	YTD 06/30/17	0.73	70	0.73	71

Please let me know if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Heather Shirley Smith" followed by a stylized flourish or initial.

Heather Shirley Smith

Enclosures

cc: Ms. Nanette Edwards, Office of Regulatory Staff
Ms. Dawn Hipp, Office of Regulatory Staff
Mr. Jeffrey M. Nelson, Office of Regulatory Staff
Ms. Shannon Bowyer Hudson, Office of Regulatory Staff
Mr. Michael Seaman-Huynh, Office of Regulatory Staff